BIBLIOGRAPHY ON GENERAL TEST REACTORS

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September 1959

THE BABCOCK & WILCOX COMPANY
ATOMIC ENERGY DIVISION
LYNCHBURG, VIRGINIA

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NOTE

In compiling this bibliography the following sources have been checked:

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KEY TO ABBREVIATIONS

NSA - Nuclear Science Abstracts
ACR - Abstracts of Classified Reports
Del - Deleted
Rev - Revised

MATERIALS TESTING REACTOR

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THEORETICAL FORMULA FOR SHIM ROD SENSITIVITY. J. W. Webster. November 24, 1952. (\$1.80 ph. and mf. OTS). (NSA 12: 10069).

IDO-16046 (118)
NUCLEAR ASPECTS OF PROPOSED 19-PLATE FUEL ASSEMBLIES. G. H. Hanson and H. L. McMurray. December 12, 1952. (\$0.25). (NSA 11: 8675).

IDO-16047 (119)
NEUTRON FLUX DISTRIBUTIONS IN THE MTR. PART I. G. O. Brightard and F. Schroeder. February 16, 1953. (NSA 10: 1555).

IDO-16052 (120)
OXIDATION OF MTR GRAPHITE REFLECTOR. C. F. Leyse. December 22, 1952. (NSA 12: 10991).

IDO-16053 (121)
RADIATION INTENSITY FROM PNEUMATIC RABBITS. C. F. Leyse. January 2, 1953. (\$1.80 ph. OTS). (NSA 12: 10070).

IDO-16057 (122)
ALUMINUM RABBIT SHIELDING REQUIREMENTS. M. W. Hom. January 2, 1953. (NSA 10: 1100).

IDO-16062 (123)
MTR THERMAL NEUTRON FLUXES. C. F. Leyse. February 27, 1952. (\$1.80 ph. OTS).
(NSA 10: 4428).

IDO-16064 (124)
PERMISSIBLE MTR POWER LEVELS WITH AND WITHOUT FILM BOILING. C. F. Leyse.
January 15, 1953. (\$0.25). (NSA 10: 3871).

IDO-16065 (125)
IRRADIATION OF THORIUM 230 IN MTR.

IDO-16066 (126)
SHIELDING REQUIREMENTS FOR SHIPMENT OF METALLURGICAL SAMPLES. S. H. Boyer.
February 12, 1953. (\$0.25 OTS).

IDO-16071 (127)
PERMISSIBLE MTR LEVELS FOR VARIOUS SHIM ROD POSITIONS (WITHOUT FILM BOILING).
(NSA 10: 1040).

IDO-16073 (128)
A SURVEY OF THE MTR SHIELD. E. Fast, et al. May 27, 1953. (NSA 9: 2446).

IDO-16075 (129)
REFLECTOR SAVINGS DUE TO THE MTR WATER BLANKET. M. L. Batt. (NSA 10: 1041).

IDO-16076 (130)
GAMMA INTENSITIES IN THE MTR GAMMA IRRADIATION FACILITY. T. R. Wilson.
March 6, 1953. (NSA 9: 2750).

IDO-16077 (131)
TEMPERATURE COEFFICIENT OF THE MTR AT 30 MEGAWATTS. W. J. Bynon and J. W.
Webster. February 16, 1953. (NSA 10: 6406).

IDO-16078 (132)
THERMAL NEUTRON FLUX DISTRIBUTION IN THE HORIZONTAL THROUGH FACILITY IN THE MTR.
G. O. Bright. March 27, 1953. (\$4.80 ph. \$2.70 mf. OTS). (NSA 10: 3717).

IDO-16082 (133)
NUCLEAR CONSTANTS FOR THE MTR WITH 168 - GRAM FUEL ELEMENTS AND 131 - GRAM
FUEL-BEARING SHIM RODS. M. W. Holm, et al. May 8, 1953. (\$0.30 OTS).

IDO-16083 (134)
CALCULATED REACTIVITY CHANGES DUE TO REDUCTION OF ALUMINUM IN THE MTR CORE.
March 16, 1953. (NSA 10: 1042).

IDO-16084 (135)
EFFECT ON FLUX OF A FUEL PLATE IN REFLECTOR. J. W. Webster and H. L.
McMurray. April 20, 1953. (NSA 10: 1924).

IDO-16085 (136)
THEORETICAL ANALYSIS OF THE NEUTRON FLUX MEASUREMENTS IN THE MTR CANAL.
L. H. Boyer. April 15, 1953. (\$3.30 ph. \$2.40 mf. OTS). (NSA 10: 4429).

IDO-16086 (137)
 DESIGN FEATURES OF THE MTR UNDERWATER CUTTING SAW. R. I. Kuehl. March 16, 1953. (\$1.80 ph. OTS). (NSA 11: 3379).

IDO-16092 (138)
 THERMAL STRESS IN MTR BERYLLIUM REFLECTOR AT INCREASED POWER LEVELS. C. F. Leyse. April 1, 1953. (NSA 10: 4430).

IDO-16093 (139)
 GAMMA HEATING MEASUREMENTS IN THE MTR. C. H. Hogg. (NSA 10: 1043).

IDO-16095 (140)
 WEIGHTING FUNCTIONS FOR CALCULATING REACTIVITY PERTURBATIONS IN THE MTR. J. W. Webster. May 14, 1953. (NSA 10: 2888).

IDO-16096 (141)
 CALCULATIONS OF AMOUNT OF SILICON PRESENT IN A FUEL ASSEMBLY AFTER IRRADIATION IN THE MTR. D. W. Knight, et al. April 10, 1953. (\$1.80). (NSA 10: 4176).

IDO-16100 (142)
 THE LOW CROSS-SECTION FISSION PRODUCT POISONS. J. W. Webster. June 8, 1953. (NSA 10: 2889).

IDO-16104 (143)
 GAMMA ATTENUATION IN BEAM HOLES. C. F. Leyse. May 14, 1953. (\$1.80 ph. OTS). (NSA 10: 4431).

IDO-16105 (144)
 FUEL BURNUP DETERMINATIONS BY GAMMA-RAY SCANNING. S. G. Forbes and W. E. Nyer. October 16, 1953. (NSA 10: 2890).

IDO-16112 (145)
 MTR TWO-WEEK OPERATING CYCLES FUEL REQUIREMENT AND LOADING ARRANGEMENT FOR INITIAL OPERATIONS. G. H. Hanson, et al. August 31, 1953. (\$7.80 ph. \$3.30 mf. OTS). (NSA 10: 4432).

IDO-16118 (146)
 A PROPOSAL FOR AN IN-PILE FILM BOILING EXPERIMENT IN THE MTR. C. F. Leyse. August 10, 1953. (\$0.25). (NSA 10: 3401).

IDO-16121 (147)
 THE MTR DESIGN. J. R. Huffman. October 1, 1953. (NSA 8: 388).

IDO-16125 (148)
 5X5 REACTOR LOADING - NUCLEAR CALCULATIONS FOR A CYLINDRICAL APPROXIMATION. G. H. Hanson. (NSA 10: 1044).

IDO-16127 (149)
 NUCLEAR CONSTANTS FOR THE MTR AS A FUNCTION OF FUEL CONTENT, POISON CONTENT, AND $\text{Al}/\text{H}_2\text{O}$ RATIO. H. L. McMurray. (NSA 10: 1045).

IDO-16133 (150)
 REACTIVITY EFFECT OF REDUCING THE $\text{Al}/\text{H}_2\text{O}$ RATIO IN THE MTR CORE. J. W. Webster. October 26, 1953. (NSA 10: 1047).

IDO-16134 (151)
 TECHNICAL QUARTERLY REPORT FOR THIRD QUARTER - 1953. J. R. Huffman. November 1, 1953. (\$4.80 ph.OTS). (NSA 11: 7826).

IDO-16135 (152)
 MTR PROGRESS REPORT - OCTOBER 1953. W. H. Pennington. November 3, 1953. Secret.

IDO-16136 (153)
 ESTIMATED REACTIVITY OF THE MTR SHIM-SAFETY CONTROL RODS. J. W. Webster. November 18, 1953. (NSA 10: 1048).

IDO-16138 (154)
 NEUTRON FLUX DISTRIBUTION IN THE MTR. PART II. THE 5X5 LOADING. G. O. Bright. November 17, 1953. (NSA 10: 377).

IDO-16140 (155)
 ESTIMATION OF FUEL REQUIREMENTS FOR TWO WEEK CYCLES ON THE MTR. H. L. McMurray. December 2, 1953. (NSA 10: 1049).

IDO-16144 (156)
 EVALUATION OF ACTIVE LATTICE GEOMETRIES AND CYCLE TIMES FOR THE MTR. C. L. Leyse. October 5, 1953. (\$3.30 ph. \$2.40 mf. OTS). (NSA 10: 4433).

IDO-16150 (157)
 IMPROVEMENTS IN MTR FUEL ASSEMBLIES AND OPERATING PROCEDURES. C. F. Leyse. February 1, 1954. (\$0.30 OTS). (NSA 11: 7827).

IDO-16152 (158)
 MTR PROGRESS REPORT - JANUARY 1954. W. H. Pennington. February 10, 1954. Secret.

IDO-16155 (159)
 FLUX DISTRIBUTIONS, ADJOINT FUNCTIONS AND WEIGHTING FACTORS FOR THE MTR WITH 5X6 LOADINGS. A. V. Grimaud. February 23, 1954. (NSA 10: 1050).

IDO-16156 (160)
 THE FAST NEUTRON FLUX SPECTRUM OF THE MTR. M. W. Holm. March 17, 1954. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 7828).

IDO-16160 (161)
 MTR PROGRESS REPORT - MARCH 1954. W. H. Pennington. April 14, 1954. Secret.

IDO-16161 (162)
 EVALUATION OF FUEL LOADINGS AND CYCLE TIMES FOR THE MTR. C. F. Leyse. April 16, 1954. (NSA 10: 2891).

IDO-16166 (163)
 MTR PROGRESS REPORT - APRIL 1954. W. H. Pennington. May 19, 1954. Secret.

IDO-16169 (164)
INTERLOCK CONTROL SYSTEM FOR MTR FAST CHOPPER. R. J. Preston. January 24, 1955. (\$0.25 OTS). (NSA 10: 6826).

IDO-16171 (165)
NEUTRON FLUX DISTRIBUTION IN THE MTR. PART III. FUEL BURNOUT IN THE 3X9 LOADING. July 27, 1954.

IDO-16178 (166)
MTR PROGRESS REPORT - MAY 1954. W. H. Pennington. June 17, 1954. Secret.

IDO-16179 (167)
SUMMARY REPORT ON MTR FUEL ASSEMBLY ASSAYS FROM MAY 1953 TO JUNE 1954. S. H. Forbes. (NSA 10: 378).

IDO-16180 (168)
METHODS FOR CALCULATING LARGE REACTIVITY CHANGES IN THE MTR. H. L. McMurray. July 26, 1954. (NSA 10: 2166).

IDO-16181 (169)
MTR TECHNICAL QUARTERLY REPORT - FIRST QUARTER - 1954. J. R. Huffman. July 9, 1954. Secret.

IDO-16182 (170)
GRAPHITE DAMAGE AS AN INDEX TO THE INTEGRATED DAMAGING NEUTRON FLUX. E. Fast. September 28, 1954. (NSA 10: 2892).

IDO-16185 (171)
MTR PROGRESS REPORT - JUNE 1954. W. H. Pennington. July 27, 1954. Secret.

IDO-16186 (172)
FLUX DISTRIBUTIONS, ADJOINT FUNCTIONS AND WEIGHTING FUNCTIONS FOR THE MTR WITH 5X5 LOADINGS. A. V. Grimaud. September 28, 1955. (NSA 10: 1051).

IDO-16187 (173)
REACTIVITY CHANGES DURING MTR OPERATION. H. L. McMurray. September 15, 1954. (NSA 10: 1052).

IDO-16188 (174)
MTR PROGRESS REPORT - JULY 1954. W. H. Pennington. August 26, 1954. Secret.

IDO-16191 (175)
MTR TECHNICAL QUARTERLY REPORT - SECOND QUARTER - 1954. J. R. Huffman. September 3, 1954.

IDO-16192 (176)
MTR PROGRESS REPORT - AUGUST 1954. W. H. Pennington. September 9, 1954. Secret.

IDO-16195 (177)
ESTIMATED MASS OF URANIUM-233 IN MTR THORIUM SLUGS. G. Hanson. (NSA 10: 1144).

IDO-16196 (178)
FEASIBILITY OF A LOW-TEMPERATURE IRRADIATION FACILITY AT THE MTR LIQUID-NITROGEN REQUIREMENTS. G. H. Hanson and E. Fast. November 8, 1954. (\$1.80 ph. \$2.70 mf. OTS). (NSA 11: 2692).

IDO-16198 (179)
STATISTICAL ANALYSIS OF MTR FUEL ELEMENT NON-DESTRUCTIVE ASSAY DATA. F. H. Tingey and F. P. Vance. October 8, 1954. (\$0.30).

IDO-16199 (180)
MTR PROGRESS REPORT - SEPTEMBER 1954. W. H. Pennington. October 13, 1954. Secret.

IDO-16200 (181)
INTEGRATED FAST FLUX DISTRIBUTION IN SEVERAL MTR EXPERIMENTAL FACILITIES. E. Fast. November 29, 1954. (NSA 10: 1053).

IDO-16203 (182)
MTR PROGRESS REPORT - OCTOBER 1954. W. H. Pennington. November 18, 1954. Secret.

IDO-16205 (183)
GAMMA-RAY DOSAGE RATE MEASUREMENT. C. H. Hogg. November 22, 1954. (NSA 9: 2050).

IDO-16207 (184)
MTR PROGRESS REPORT - NOVEMBER 1954. W. H. Pennington. December 17, 1954. Secret.

IDO-16208 (185)
FLAT VERTICLE POWER DISTRIBUTION FOR THE MTR. J. W. Webster. March 24, 1955. (NSA 10: 2893).

IDO-16209 (186)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR THIRD QUARTER 1954. J. R. Huffman. December 21, 1954. (\$4.80 ph. \$2.70 mf. OTS).

IDO-16210 (187)
THE MTR HOT CELL. M. H. Batz. July 1954. (NSA 10: 379).

IDO-16212 (188)
MTR PROGRESS REPORT - DECEMBER 1954. W. H. Pennington. January 26, 1955. Secret.

IDO-16213 (189)
FISSION PRODUCT MONITORING IN REACTOR COOLANT STREAMS. R. L. Heath. January 1, 1956. (\$0.60 OTS). (NSA 10: 3147).

IDO-16216 (190)
MTR PROGRESS REPORT - JANUARY 1955. W. H. Pennington. February 14, 1955. Secret.

IDO-16217 (191)
MTR PROGRESS REPORT - FEBRUARY 1955. A. L. Ayers. March 17, 1955. Secret.

IDO-16219 (192)
MTR TECHNICAL BRANCH QUARTERLY REPORT - FOURTH QUARTER - 1954. J. R. Huffman. March 31, 1955. Secret.

IDO-16224 (193)
MTR PROGRESS REPORT. A. L. Ayers. April 14, 1955. Secret.

IDO-16227 (194)
MTR PROGRESS REPORT - APRIL 1955. A. L. Ayers. May 9, 1955. Secret.

IDO-16229 (195)
MTR TECHNICAL BRANCH QUARTERLY REPORT - FIRST QUARTER - 1955. J. R. Huffman. June 20, 1955. Secret.

IDO-16231 (196)
MTR TESTING REACTOR PROGRESS REPORT - MAY 1955. A. L. Ayers. June 14, 1955.

IDO-16233 (197)
MTR TESTING REACTOR PROGRESS REPORT - JUNE 1955. A. L. Ayers. July 14, 1955. Secret.

IDO-16234 (198)
MTR PROGRESS REPORT - JULY 1955. A. L. Ayers. August 9, 1955. Secret.

IDO-16235 (199)
MTR TECHNICAL BRANCH QUARTERLY REPORT - SECOND QUARTER - 1955. R. S. Shankland. August 20, 1955. Secret.

IDO-16241 (200)
MEASUREMENT OF K_{eff} BY THE ROD DROP METHOD. I. ELEMENTARY ANALYSIS. H. L. McMurray. September 1955. (NSA 10: 380).

IDO-16243 (201)
THE MTR AUTOMATIC WIRE SCANNER. R. J. Preston. September 29, 1955. (NSA 10: 381).

IDO-16245 (202)
MTR PROGRESS REPORT - SEPTEMBER 1955. A. L. Ayers. October 25, 1955. Secret.

IDO-16246 (203)
RADIATION DOOR FOR HG-4 FACILITY NUCLEAR CALCULATIONS. G. H. Hanson. December 16, 1953. (NSA 10: 1087).

IDO-16247 (204)
EXPERIMENTAL AND THEORETICAL VALUES OF THE GAMMA DECAY DOSE RATE AND HEATING FROM SPENT MTR FUEL ELEMENTS. W. C. Fravies, et al. January 13, 1956. (\$9.30 ph. \$3.60 mf. OTS). (NSA 10: 3157).

IDO-16249 (205)
REACTIVITY CHANGES DUE TO LOCALIZED PERTURBERS IN THE MTR WITH 3X9 SLAB CONFIGURATIONS. September 16, 1954. (NSA 10: 1054).

IDO-16254 (206)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR THIRD QUARTER - 1955. J. R. Huffman. December 30, 1955. (\$0.30). (NSA 11: 8677).

IDO-16259 (207)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR THE FOURTH QUARTER OF 1955. W. P. Conner. March 12, 1956. (\$0.30 OTS). (NSA 10: 3825).

IDO-16267 (208)
HYDRAULIC TESTS IN THE MTR LATTICE. SUPPLEMENTARY REPORT. T. R. Wilson, Jr. and O. J. Elgert. February 10, 1955. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 2694).

IDO-16281 (209)
SPECIFICATIONS FOR FUEL ASSEMBLIES FOR MTR. R. M. Jones. July 13, 1955. (\$1.80 OTS). (NSA 11: 2507).

IDO-16282 (210)
XENON BEHAVIOR WITH LINEARLY DECREASING POWER. J. W. Webster and G. A. Cazier. September 12, 1955. (\$1.80 ph. OTS). (NSA 10: 10951).

IDO-16284 (211)
HISTORY AND OPERATING PRACTICES OF THE MTR REACTOR SAFEGUARDS COMMITTEE. D. R. de Boisblanc. April 20, 1956. (NSA 10: 4084).

IDO-16291 (212)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR FIRST QUARTER - 1956. W. P. Conner. June 8, 1956. (\$0.35 OTS). (NSA 10: 7983).

IDO-16297 (213)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR SECOND QUARTER - 1956. W. P. Conner. August 16, 1956. (\$0.70 OTS). (NSA 11: 1276).

IDO-16308 (214)
HYDRAULIC TESTS IN THE MTR LATTICE. T. R. Wilson and O. J. Elgert. November 15, 1954. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 2445).

IDO-16314 (215)
MTR TECHNICAL BRANCH QUARTERLY REPORT - THIRD QUARTER - 1956. W. P. Conner. November 1, 1956. (\$0.45 OTS). (NSA 11: 4685).

IDO-16319 (216)
CYCLE NO. 77 - MTR PROGRESS REPORT FOR OCTOBER 15 TO NOVEMBER 4, 1956. F. R. Keller. December 6, 1956. (\$6.63 ph. \$0.20 mc. OTS).

IDO-16322 (217)
MAINTENANCE OF PRIMARY COOLANT WATER QUALITY IN THE MTR. J. H. Rainwater. February 21, 1957. (NSA 11: 6531).

IDO-16331 (218)
MTR TECHNICAL BRANCH QUARTERLY REPORT - FOURTH QUARTER - 1956. H. L. McMurray. March 26, 1957. (\$0.35). (NSA 11: 9052).

IDO-16340 (219)
MTR OPERATIONS HAZARD SURVEY REPORT. M. E. Thomas. June 7, 1956. (\$3.40 ph. \$0.20 mc. OTS). (CRCA 3: 152).

IDO-16343 (220)
CALCULATED SURFACE TEMPERATURES FOR NUCLEAR SYSTEMS AND ANALYSIS OF THEIR UNCERTAINTIES. The first report of the Heat Transfer Subcommittee of the Phillips Reactor Safeguard Committee. R. J. Nertney. June 1, 1957. (\$0.45 OTS). (NSA 11: 11412).

IDO-16346 (221)
CAPACITY OF THE MTR COOLING SYSTEM. J. H. Rainwater. U. A. Walker. February 13, 1956. (\$3.30 ph. \$2.40 mf. OTS).

IDO-16347 (222)
EFFECT ON UNEVEN FUEL BURNOUT IN MTR ON MAXIMUM HEAT FLUX. J. H. Rainwater and U. A. Walker. February 24, 1956. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 13923).

IDO-16350 (223)
DETERMINATION OF PERMISSIBLE MTR POWER FOLLOWING A JUNIOR SCRAM. J. H. Rainwater and U. A. Walker. March 29, 1956. (\$4.80 ph. \$2.70 mf. OTS). (NSA 11: 13924).

IDO-16351 (224)
PROPOSED FUEL LOADINGS FOR 600 MWD OPERATION OF THE MTR. J. H. Rainwater and V. A. Walker. April 17, 1956. (\$1.80 ph. OTS). (NSA 11: 13925).

IDO-16357 (225)
NUCLEAR CALCULATIONS FOR THE MTR WITH GENEVA FUEL. H. L. McMurray. July 25, 1956. (\$1.80 ph. OTS). (NSA 11: 13927).

IDO-16360 (226)
SAFETY OF MTR FUEL SHIPPING BOXES. H. L. McMurray and B. L. Hanson. October 15, 1956. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 13830).

IDO-16363 (227)
VARIATION OF FUEL REQUIREMENTS FOR FIXED MTR OPERATING CYCLES. G. A. Cazier. September 7, 1956. (\$1.80 ph. OTS). (NSA 11: 13144).

IDO-16365 (228)
EFFECT OF CYCLE TIME OF MTR WITH 20% ENRICHED FUEL DUE TO CHANGES IN METAL/H₂O VOLUME RATIOS. H. L. McMurray. October 15, 1956. (\$1.80 ph. OTS). (NSA 11: 13145).

IDO-16367 (229)
EQUATIONS FOR MTR BURNUP APPORTIONMENT. F. P. Vance. December 3, 1956. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 13146).

IDO-16368 (230)
HYDRAULIC FLOW CALCULATIONS FOR MTR-ETR EXPERIMENTS; STANDARD PRACTICES MANUAL. R. B. Van Sice. November 1, 1957. (\$2.00 OTS).

IDO-16373 (231)
MTR TECHNICAL BRANCH QUARTERLY REPORT FOR FIRST QUARTER - 1957. W. B. Lewis. July 1, 1957. (\$0.35 OTS). (NSA 11: 12888).

IDO-16375 (232)
HAZARDS ASSOCIATED WITH THE OPERATION OF THE MTR AT 40 MW. D. R. de Boisblanc, et al. July 27, 1955. (\$3.30 ph. \$2.40 mf. OTS). (NSA 11: 12889).

IDO-16378 (233)
 PLUTONIUM FUEL REQUIREMENTS FOR OPERATION OF THE MTR. H. L. McMurray and
 B. W. Johnson. June 11, 1957. (\$6.30 ph. \$3.00 mf. OTS). (NSA 12: 8725).

IDO-16380 (234)
 STANDARD PRACTICES FOR DESIGN OF MTR AND ETR SAFETY CIRCUITS. L. H. Jones.
 September 15, 1957. (\$1.00 OTS). (NSA 12: 1637).

IDO-16384 (235)
 COMPARISON OF FLUX AND POWER DISTRIBUTIONS AND VOID AND TEMPERATURE COEFFICIENTS
 OF THE MTR WITH U-235 AND Pu-239 FUEL. B. W. Johnson and H. L. McMurray.
 July 26, 1958. (\$1.00 OTS). (NSA 11: 13495).

IDO-16394 (236)
 QUARTERLY PROGRESS REPORT FOR MTR TECHNICAL BRANCHES - SECOND QUARTER - 1957.
 J. E. Evans. August 22, 1957. (\$1.75 OTS). (NSA 11: 13430).

IDO-16395 (237)
 INSTRUMENT AND ELECTRICAL STANDARDS PRACTICES FOR MTR AND ETR. L. H. Jones.
 August 12, 1957. (\$1.50 OTS). (NSA 12: 1638).

IDO-16395 (238)
 ADDENDUM TO INSTRUMENT AND ELECTRICAL STANDARD PRACTICES FOR MTR AND ETR.
 July 30, 1959.

IDO-16398 (239)
 REACTIVITY EFFECTS OF Xe^{135} AND Sm^{149} FOR THE MTR WITH U-235 and Pu-239 FUELS.
 B. W. Johnson and H. L. McMurray. August 8, 1957. (\$0.50 OTS). (NSA 11: 13496).

IDO-16401 (240)
 CALCULATION OF MTR FUEL CHARGES. H. L. McMurray, et al. September 27, 1957.
 (\$1.00 OTS). (NSA 12: 1639).

IDO-16413 (241)
 EXTRAPOLATED CHARGE LIFE FROM INGROWTH OF Xe^{135} . H. L. McMurray and G. A.
 Gazier. October 2, 1957. (\$0.75 OTS). (NSA 12: 2505).

IDO-16420 (242)
 MTR CHARGE LIFE WITH MIXTURES OF U-235 and Pu-239. H. L. McMurray. October 23,
 1957. (\$3.30 ph. \$2.40 mf. OTS). (NSA 12: 10992).

IDO-16426 (243)
 HIGH PRESSURE WATER LOOP EXPERIMENTS IN THE MTR. D. C. King. November 14, 1957.
 (\$0.75 OTS). (NSA 12: 3229).

IDO-16428 (244)
 IN-TANK IRRADIATION FACILITIES IN THE MTR AND ETR. STANDARD PRACTICES MANUAL.
 A. S. Richardson. April 1, 1958. (\$2.40 OTS). (NSA 12: 10993).

IDO-16430 (245)
 QUARTERLY PROGRESS REPORT FOR MTR-ETR TECHNICAL BRANCHES - THIRD QUARTER - 1957.
 K. A. McCollom. December 16, 1957. (\$2.00 OTS). (NSA 12: 8064).

IDO-16431 (246)
ENGINEERING LIAISON FOR MTR-ETR EXPERIMENTS STANDARD PRACTICE MANUAL. R. J. Nertney. December 20, 1957. (\$1.50 OTS). (NSA 12: 6182).

IDO-16436 (247)
QUARTERLY PROGRESS REPORT FOR MTR-ETR TECHNICAL BRANCHES - FOURTH QUARTER - 1957. G. H. Hanson. March 3, 1958. (\$1.75 OTS). (NSA 12: 15788).

IDO-16443 (248)
AN ESTIMATE OF THE HEAT GENERATION AND DISTRIBUTION IN THE MTR. R. A. Grimesey. March 28, 1958. (\$0.75 OTS). (NSA 12: 9405).

IDO-16455 (249)
PLUTONIUM SYSTEM STUDY WITH AN APPLICATION TO THE MTR. W. B. Lewis and G. D. Marshall. November 20, 1958. (\$1.00 OTS). (NSA 13: 5127).

IDO-16459 (250)
PRELIMINARY EVALUATION OF THE 20% ENRICHED URANIUM CORE FOR THE MTR. D. R. de Boisblanc and R. S. Marsden. June 3, 1958. (NSA 12: 10994).

IDO-16466 (251)
A STANDARD PRACTICES GUIDE FOR HAZARD ANALYSIS OF EXPERIMENTAL SYSTEMS. R. J. Nertney. September 8, 1958. (\$1.25 OTS). (NSA 13: 721).

IDO-16472 (252)
STANDARD PRACTICES GUIDE FOR WRITING EXPERIMENTAL OPERATING MANUALS. J. D. Ford. December 15, 1958.

IDO-16474 (253)
QUARTERLY PROGRESS REPORT FOR MTR-ETR TECHNICAL BRANCHES - FIRST QUARTER - 1958. R. G. Fluharty. September 2, 1958. (\$1.75 OTS). (NSA 13: 2551).

IDO-16481 (254)
QUARTERLY PROGRESS REPORT FOR MTR-ETR TECHNICAL BRANCHES - SECOND QUARTER - 1958. P. W. Healy. September 8, 1958. (\$2.25 OTS). (NSA 13: 2552).

IDO-16490 (255)
CHEMICAL DOSIMETRY AT THE MTR. S. D. Reeder, et al. December 15, 1958. (\$1.00 OTS). (NSA 13: 11422).

IDO-16505 (256)
MTR-ETR TECHNICAL BRANCHES QUARTERLY REPORT FOR PERIOD ENDING SEPTEMBER 31, 1958. K. A. McCollom. December 30, 1958.

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